

**TOP SECRET****PRIORITY 1**

17 JUL 1963

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REF: MISSION 9056 FTV 1166

1. A PECULIARITY OF THE PHOTOGRAPHY FROM THE MASTER CAMERA IS ENCOUNTERED. MEASUREMENT OF IMAGES ON THE FORWARD PHOTOGRAPHY DO NOT AGREE WITH THOSE FROM THE AFT. WHILE MEASUREMENTS PERPENDICULAR TO THE FLIGHT TRACK (LENGTHWISE ON THE FRAME) ARE IN CLOSE AGREEMENT WITH THOSE OF THE AFT, MEASUREMENTS PARALLEL TO THE FLIGHT TRACK *across* (ACROSS THE FRAME) DO NOT AGREE BY AS MUCH AS FIVE PER CENT OR MORE. THE DISCREPANCY VARIES BOTH WITHIN A PASS AND THROUGHOUT THE MSN, THE FORWARD MEASUREMENTS BEING BOTH LARGER AND SMALLER THAN THE AFT. THE AFT MEASUREMENTS AGREE THE CLOSEST TO KNOWN GROUND DISTANCES.

2. THE IMAGE FORMAT WIDTH OF THE FORWARD CAMERA PHOTOGRAPHY VARIES. IT IS NARROWER THAN NORMAL WHEN THE DIMENSIONS MADE FROM THE FORWARD IMAGERY ARE SHORT. IT IS DIFFICULT TO DETERMINE GREATER THAN NORMAL IMAGE WIDTH BECAUSE OF FREQUENCY MARKS.

3. CONSIDERABLE TIME WILL BE NECESSARY TO CONDUCT A DETAILED STUDY OF PROBLEM. PRIOR TO INITIATING SUCH A STUDY [ ] AWAITS YOUR COMMENTS ON PHENOMENON.

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END OF MESSAGE

Declassification Review by  
NGA/DoD**TOP SECRET**GROUP 1  
Excluded from automatic  
downgrading and  
declassification